

WHAT IS CLAIMED IS:

1. A broadcasting receiving system comprising a  
broadcasting receiving apparatus for receiving a  
broadcast signal transmitted from a broadcasting  
station; and

a program reservation terminal for remotely  
controlling operations of said broadcasting receiving  
apparatus, wherein

said program reservation terminal comprises:

a first slot for a removable storage medium;

program reservation input means for entering  
reservation data for a broadcast program; and

external storage control means for storing  
reservation data entered by said program reservation  
input means in said removable storage medium via said  
first slot, and

said broadcasting receiving apparatus comprises:

a second slot for said removable storage medium;

means for reading reservation data from said  
removable storage medium attached to said second slot;  
and

reservation processing means for setting  
reservation to receive an intended broadcast program  
based on reservation data read from said removable  
storage medium.

2. The broadcasting receiving system according to  
claim 1, wherein said broadcasting receiving apparatus

further comprises:

guide information acquisition means for acquiring  
and storing broadcast program guide information  
representing a plurality of broadcast programs to be  
5 broadcast within a specified period; and

storage control means for storing broadcast  
program guide information stored in said guide  
information acquisition means in said removable storage  
medium attached to said second slot, and wherein

10 said program reservation terminal further  
comprises:

determination means for determining whether a  
removable storage medium attached to said first slot  
stores broadcast program guide information; and

15 guide information display means for, when said  
determination means determines that a removable storage  
medium stores broadcast program guide information,  
reading and selectively displaying said broadcast  
program guide information from the removable storage  
20 medium.

3. The broadcasting receiving system according to  
claim 1, wherein said broadcasting receiving apparatus  
further comprises means for acquiring and storing  
broadcast program guide information which represents a  
25 plurality of broadcast programs each to be broadcast  
within a specified period through the use of a first  
information element for specifying a program and a

second information element for indicating a program detail;

said program reservation input means enters a first information element for specifying a broadcast program as reservation data; and

said reservation processing means reads first and second information elements representing a corresponding broadcast program out of said broadcast program guide information based on the first information element read from said removable storage medium as reservation data and sets reservation to receive said broadcast program based on the first and second information elements.

4. A broadcasting receiving system comprising a broadcasting receiving apparatus for receiving a broadcast signal transmitted from a broadcasting station; and

a mobile communication terminal for transmitting and receiving information with a communication apparatus via a mobile communication network, wherein

said mobile communication terminal comprises:

guide information reception means for receiving broadcast program guide information representing a plurality of broadcast programs to be broadcast within a specified period via said communication network;

guide information display means for displaying broadcast program guide information received by said

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guide information reception means;

a slot for a removable storage medium;

program reservation input means for entering  
reservation data of a broadcast program based on

5 broadcast program guide information displayed on the  
guide information display means; and

external storage control means for storing  
reservation data entered by said program reservation  
input means in said removable storage medium via said  
10 slot, wherein

said broadcasting receiving apparatus comprises:

a second slot for said removable storage medium;

means for reading reservation data from said  
removable storage medium attached to said second slot;

15 and

reservation processing means for setting  
reservation to receive an intended broadcast program  
based on reservation data read from said removable  
storage medium.

20 5. A program reservation terminal used with a  
broadcasting receiving apparatus having a function of  
reading program's reservation data from a removable  
storage medium and setting reservation to receive a  
corresponding broadcast program based on this  
25 reservation data, said program reservation terminal  
further comprising:

a slot for a removable storage medium;

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program reservation input means for entering reservation data for a broadcast program; and

external storage control means for storing reservation data entered by said program reservation  
5 input means in said removable storage medium via said slot.

6. The program reservation terminal according to claim 5, further comprising determination means for determining whether said removable storage medium  
10 attached to said slot stores broadcast program guide information representing a plurality of broadcast programs to be broadcast within a specified period; and

guide information display means for, if said determination means determines that broadcast program  
15 guide information is stored, reading and displaying said broadcast program guide information.

7. The program reservation terminal according to claim 6, wherein when an operation is performed to select a broadcast program in the broadcast program  
20 guide information displayed by said guide information display means, said program reservation input means identifies information representing this selected broadcast program as reservation data.

8. The program reservation terminal according to claim 5, further comprising communication means for  
25 transmitting and receiving information with a communication apparatus via a communication network;

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guide information reception means for receiving broadcast program guide information representing a plurality of broadcast programs to be broadcast within a specified period via said communication network; and

5           guide information display means for displaying broadcast program guide information received by said guide information reception means.

9. The program reservation terminal according to claim 8, wherein when said broadcast program guide  
10           information indicates each broadcast program using a first information element for specifying programs and a second information element for providing a program detail, said guide information reception means receives simplified guide information containing only said first  
15           information element.

10. A program reservation terminal used with a broadcasting receiving apparatus having a function of storing broadcast program guide information representing a plurality of broadcast programs to be  
20           broadcast within a specified period, reading program's reservation data from a removable storage medium, and setting reservation to receive a corresponding broadcast program based on this reservation data and said broadcast program guide information, said program  
25           reservation terminal comprising:

          a slot for a removable storage medium;

          program reservation input means for entering first

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reservation data indicating a broadcast program;

conversion means for converting first reservation data entered by said program reservation input means to second reservation data compliant with a data format for said broadcast program guide information; and

external storage control means for storing second reservation data obtained by said conversion means in said removable storage medium via said slot.

11. A mobile communication terminal comprising:

communication means for transmitting and receiving information with a communication apparatus via a mobile communication network;

guide information reception means for receiving broadcast program guide information representing a plurality of broadcast programs to be broadcast within a specified period via said mobile communication network;

guide information display means for displaying broadcast program guide information received by said guide information reception means;

a slot for a removable storage medium;

program reservation input means for entering reservation data of a broadcast program based on broadcast program guide information displayed on the guide information display means; and

external storage control means for storing reservation data entered by this program reservation

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input means in said removable storage medium via said slot.

12. A broadcasting receiving apparatus used with a program reservation terminal having a function of  
5 storing user-entered reservation data for a broadcast program in a removable storage medium, said broadcasting receiving apparatus comprising:

a slot for said removable storage medium;  
means for reading reservation data from said  
10 removable storage medium attached to said slot; and  
reservation processing means for setting reservation to receive an intended broadcast program based on reservation data read from said removable storage medium.

13. The broadcasting receiving apparatus according  
15 to claim 12, further comprising guide information acquisition means for acquiring and storing broadcast program guide information representing a plurality of broadcast programs to be broadcast within a specified  
20 period, wherein

said reservation processing means compares reservation data read from said removable storage medium with broadcast program guide information obtained by said guide information acquisition means  
25 and, when the broadcast program guide information contains the corresponding broadcast program, sets reservation to receive said broadcast program.



14. The broadcasting receiving apparatus according to claim 13, wherein said reservation processing means compares reservation data read from said removable storage medium with broadcast program guide information obtained by said guide information acquisition means and, when the broadcast program guide information does not contain the corresponding broadcast program, notifies a user of an appropriate message.

15. The broadcasting receiving apparatus according to claim 13, further comprising:

determination means for determining whether reservation data read from said removable storage medium corresponds to a data format of said broadcast program guide information; and

format conversion means for, when said determination means determines that the reservation data does not match the data format of the broadcast program guide information, converting reservation data read from said removable storage medium to a format corresponding to said broadcast program guide information's data format.

16. A program reservation terminal used with a broadcasting receiving apparatus having a function of reading program's reservation data from a removable storage medium and setting reservation to receive a corresponding broadcast program based on the reservation data, said program reservation terminal

further comprising:

a slot for a removable storage medium;

program reservation input device configured to  
enter reservation data for a broadcast program; and

5 external storage controller configured to store  
reservation data entered by said program reservation  
input device in said removable storage medium via said  
slot.

10 17. The program reservation terminal according to  
claim 16, further comprising determination circuit  
configured to determine whether said removable storage  
medium attached to said slot stores broadcast program  
guide information representing a plurality of broadcast  
programs to be broadcast within a specified period; and

15 guide information display device, if said  
determination circuit determines that broadcast program  
guide information is stored, configured to read and  
display said broadcast program guide information.

20 18. The program reservation terminal according to  
claim 17, wherein when an operation is performed to  
select a broadcast program in the broadcast program  
guide information displayed by said guide information  
display device, said program reservation input device  
identifies information representing this selected  
25 broadcast program as reservation data.

19. The program reservation terminal according to  
claim 16, further comprising communication circuit

configured to transmit and receive information with a communication apparatus via a communication network;

guide information reception circuit configured to receive broadcast program guide information

5 representing a plurality of broadcast programs to be broadcast within a specified period via said communication network; and

10 guide information display device configured to display broadcast program guide information received by said guide information reception circuit.

20. The program reservation terminal according to claim 19, wherein when said broadcast program guide information indicates each broadcast program using a first information element for specifying programs and a  
15 second information element for providing a program detail, said guide information reception circuit receives simplified guide information containing only said first information element.

21. A program reservation terminal used with a  
20 broadcasting receiving apparatus having a function of storing broadcast program guide information representing a plurality of broadcast programs to be broadcast within a specified period, reading program's reservation data from a removable storage medium, and  
25 setting reservation to receive a corresponding broadcast program based on this reservation data and said broadcast program guide information, said program

reservation terminal comprising:

a slot for a removable storage medium;

program reservation input device configured to  
enter first reservation data indicating a broadcast  
5 program;

conversion circuit configured to convert first  
reservation data entered by said program reservation  
input device to second reservation data compliant with  
a data format for said broadcast program guide  
10 information; and

external storage controller configured to  
store second reservation data obtained by said  
conversion circuit in said removable storage medium via  
said slot.

15 22. A mobile communication terminal comprising:

communication circuit configured to transmit and  
receive information with a communication apparatus via  
a mobile communication network;

guide information reception circuit configured to  
20 receive broadcast program guide information  
representing a plurality of broadcast programs to be  
broadcast within a specified period via said mobile  
communication network;

guide information display device configured to  
25 display broadcast program guide information received by  
said guide information reception circuit;

a slot for a removable storage medium;

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program reservation input device configured to enter reservation data of a broadcast program based on broadcast program guide information displayed on the guide information display device; and

5 external storage controller configured to store reservation data entered by the program reservation input device in said removable storage medium via said slot.

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23. A broadcasting receiving apparatus used with a  
10 program reservation terminal having a function of storing user-entered reservation data for a broadcast program in a removable storage medium, said broadcasting receiving apparatus comprising:

a slot for said removable storage medium;  
15 reading circuit configured to read reservation data from said removable storage medium attached to said slot; and

reservation processing circuit configured to set reservation to receive an intended broadcast program  
20 based on reservation data read from said removable storage medium.

24. The broadcasting receiving apparatus according to claim 23, further comprising guide information acquisition circuit configured to acquire and store  
25 broadcast program guide information representing a plurality of broadcast programs to be broadcast within a specified period, wherein

said reservation processing circuit compares reservation data read from said removable storage medium with broadcast program guide information obtained by said guide information acquisition circuit and, when the broadcast program guide information contains the corresponding broadcast program, sets reservation to receive said broadcast program.

25. The broadcasting receiving apparatus according to claim 24, wherein said reservation processing circuit compares reservation data read from said removable storage medium with broadcast program guide information obtained by said guide information acquisition circuit and, when the broadcast program guide information does not contain the corresponding broadcast program, notifies a user of an appropriate message.

26. The broadcasting receiving apparatus according to claim 24, further comprising:

determination circuit configured to determine whether reservation data read from said removable storage medium corresponds to a data format of said broadcast program guide information; and

format conversion circuit, if said determination circuit determines that the reservation data does not match the data format of the broadcast program guide information, configured to convert reservation data read from said removable storage medium to a format

corresponding to the data format of said broadcast  
program guide information.

|  | 1970 | 1971 | 1972 | 1973 | 1974 | 1975 | 1976 | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 | 2040 | 2041 | 2042 | 2043 | 2044 | 2045 | 2046 | 2047 | 2048 | 2049 | 2050 | 2051 | 2052 | 2053 | 2054 | 2055 | 2056 | 2057 | 2058 | 2059 | 2060 | 2061 | 2062 | 2063 | 2064 | 2065 | 2066 | 2067 | 2068 | 2069 | 2070 | 2071 | 2072 | 2073 | 2074 | 2075 | 2076 | 2077 | 2078 | 2079 | 2080 | 2081 | 2082 | 2083 | 2084 | 2085 | 2086 | 2087 | 2088 | 2089 | 2090 | 2091 | 2092 | 2093 | 2094 | 2095 | 2096 | 2097 | 2098 | 2099 | 2100 | 2101 | 2102 | 2103 | 2104 | 2105 | 2106 | 2107 | 2108 | 2109 | 2110 | 2111 | 2112 | 2113 | 2114 | 2115 | 2116 | 2117 | 2118 | 2119 | 2120 | 2121 | 2122 | 2123 | 2124 | 2125 | 2126 | 2127 | 2128 | 2129 | 2130 | 2131 | 2132 | 2133 | 2134 | 2135 | 2136 | 2137 | 2138 | 2139 | 2140 | 2141 | 2142 | 2143 | 2144 | 2145 | 2146 | 2147 | 2148 | 2149 | 2150 | 2151 | 2152 | 2153 | 2154 | 2155 | 2156 | 2157 | 2158 | 2159 | 2160 | 2161 | 2162 | 2163 | 2164 | 2165 | 2166 | 2167 | 2168 | 2169 | 2170 | 2171 | 2172 | 2173 | 2174 | 2175 | 2176 | 2177 | 2178 | 2179 | 2180 | 2181 | 2182 | 2183 | 2184 | 2185 | 2186 | 2187 | 2188 | 2189 | 2190 | 2191 | 2192 | 2193 | 2194 | 2195 | 2196 | 2197 | 2198 | 2199 | 2200 | 2201 | 2202 | 2203 | 2204 | 2205 | 2206 | 2207 | 2208 | 2209 | 2210 | 2211 | 2212 | 2213 | 2214 | 2215 | 2216 | 2217 | 2218 | 2219 | 2220 | 2221 | 2222 | 2223 | 2224 | 2225 | 2226 | 2227 | 2228 | 2229 | 2230 | 2231 | 2232 | 2233 | 2234 | 2235 | 2236 | 2237 | 2238 | 2239 | 2240 | 2241 | 2242 | 2243 | 2244 | 2245 | 2246 | 2247 | 2248 | 2249 | 2250 | 2251 | 2252 | 2253 | 2254 | 2255 | 2256 | 2257 | 2258 | 2259 | 2260 | 2261 | 2262 | 2263 | 2264 | 2265 | 2266 | 2267 | 2268 | 2269 | 2270 | 2271 | 2272 | 2273 | 2274 | 2275 | 2276 | 2277 | 2278 | 2279 | 2280 | 2281 | 2282 | 2283 | 2284 | 2285 | 2286 | 2287 | 2288 | 2289 | 2290 | 2291 | 2292 | 2293 | 2294 | 2295 | 2296 | 2297 | 2298 | 2299 | 2300 | 2301 | 2302 | 2303 | 2304 | 2305 | 2306 | 2307 | 2308 | 2309 | 2310 | 2311 | 2312 | 2313 | 2314 | 2315 | 2316 | 2317 | 2318 | 2319 | 2320 | 2321 | 2322 | 2323 | 2324 | 2325 | 2326 | 2327 | 2328 | 2329 | 2330 | 2331 | 2332 | 2333 | 2334 | 2335 | 2336 | 2337 | 2338 | 2339 | 2340 | 2341 | 2342 | 2343 | 2344 | 2345 | 2346 | 2347 | 2348 | 2349 | 2350 | 2351 | 2352 | 2353 | 2354 | 2355 | 2356 | 2357 | 2358 | 2359 | 2360 | 2361 | 2362 | 2363 | 2364 | 2365 | 2366 | 2367 | 2368 | 2369 | 2370 | 2371 | 2372 | 2373 | 2374 | 2375 | 2376 | 2377 | 2378 | 2379 | 2380 | 2381 | 2382 | 2383 | 2384 | 2385 | 2386 | 2387 | 2388 | 2389 | 2390 | 2391 | 2392 | 2393 | 2394 | 2395 | 2396 | 2397 | 2398 | 2399 | 2400 | 2401 | 2402 | 2403 | 2404 | 2405 | 2406 | 2407 | 2408 | 2409 | 2410 | 2411 | 2412 | 2413 | 2414 | 2415 | 2416 | 2417 | 2418 | 2419 | 2420 | 2421 | 2422 | 2 |
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